

ABSTRACT OF THE DISCLOSURE

[1057] A memory organization supports a basic page size and an extended page size. A certain portion of its memory cells are dual-addressable memory cells which may be used to provide the additional memory required for the extended pages or alternatively may be used to provide additional memory within a basic page. A memory array is preferably implemented as basic pages and directly addressed to support the basic page size. The received addresses are translated to map each extended page into a portion of a basic page to support the extended pages. In one embodiment, high order row addresses are conveyed for use as high-order column addresses, and the high-order row addresses overridden, to map each extended page into a contiguous block of basic pages.